

Amendment to the Claims:

This listing of claims replaces all prior versions, and listings, of claims in the application:

1. (Currently amended) A method comprising:  
determining an amount of available bandwidth;  
specifying a single bandwidth[[s]] for each of multiple  
layers of digital video based on the amount of available  
bandwidth as specified bandwidths;  
forming multiple layers of digital video enhancement data,  
each of the multiple layers consuming substantially the  
specified bandwidth where each of said multiple layers having a  
respective said specified bandwidth, wherein said specifying  
comprises specifying a single bandwidth for each of said  
multiple layers, which specifies that each of the multiple  
layers have the same bandwidth.

2. (Currently amended) The method of claim 1 wherein forming a layer of video enhancement data further comprises:

selecting a threshold value based upon the amount of  
available bandwidth requirements; and

generating a layer of video enhancement data based upon the threshold value.

3. (Original) The method of claim 2 further comprising:  
transmitting the layer of video enhancement data over a digital communication channel; and  
transmitting the threshold value over the digital communication channel.

4. (Currently amended) An article comprising a computer-readable medium which stores computer-executable instructions

for video data processing, the instructions causing a machine to:

determine an amount of available bandwidth;  
specifying a single bandwidth[[s]] for each of multiple  
layers of digital video based on the amount of available  
bandwidth;

form multiple layers of digital video enhancement data,  
each of the multiple layers consuming substantially the  
specified bandwidth where each of said multiple layers having a  
respective specified bandwidth, wherein said instructions to  
specify comprise specifying a single bandwidth for each of the  
multiple layers, which specifies that each of the multiple  
layers have the same bandwidth.

5. (Currently amended) The article of claim 4 wherein forming a layer of video enhancement data further comprises:

selecting a threshold value based upon the amount of  
available bandwidth requirements; and

generating a layer of video enhancement data based upon the threshold value.

6. (Original) The article of claim 5, the instructions further causing the machine to:

transmit the layer of video enhancement data over a digital communication channel; and

transmit the threshold value over the digital communication channel.

7. (Currently amended) A method comprising:  
processing layers of digital video enhancement data to enhance a base video signal, the layers each consuming  
substantially the same bandwidth which is based on an amount of

overall available bandwidth having substantially equal amounts of bandwidth, wherein each of said layers are digital values having substantially the same number of digital ones.

8. (Canceled)

9. (Original) The method of claim 7 wherein the base video signal comprises a picture, and wherein each processed layer enhances the entire picture.

10. (Currently amended) An article comprising a computer-readable medium which stores computer-executable instructions for video data processing, the instructions causing a machine to:

process layers of digital video enhancement data to enhance a base video signal, the layers having substantially approximately equal bandwidth requirements, the bandwidth requirements being based on an amount of overall available bandwidth.

11. (Canceled)

12. (Original) The article of claim 10 wherein the base video signal comprises a picture, and wherein each processed layer enhances the entire picture.

13. (Currently amended) A method comprising:  
receiving one of a plurality of layers of digital video enhancement data; ~~that achieves a bandwidth requirement;~~  
receiving a threshold value corresponding to the layer, wherein the layer comprises a '1' bit for each magnitude greater than or equal to the threshold value;

transmitting the threshold value over the digital communication channel; and

transmitting the layer over a digital communication channel wherein each of said the plurality of layers are digital values having substantially the same number of digital ones and consuming substantially the same bandwidth, the consumed bandwidth being based on an amount of overall available bandwidth.

14-15. (Canceled)

16. (Currently amended) An article comprising a computer-readable medium which stores computer-executable instructions for video data processing, the instructions causing a machine to:

receive one of a plurality of layers of digital video enhancement data that achieves a bandwidth requirement;

receive a threshold value corresponding to the layer, wherein the layer comprises a '1' bit for each magnitude greater than or equal to the threshold value; and

transmit the threshold value over the digital communication channel; and

transmit the layer over a digital communication channel, wherein the said receive comprises receiving layers of digital enhancement data that each include substantially the same number of digital ones and consuming substantially the same bandwidth, the consumed bandwidth being based on an amount of overall available bandwidth.

17-18. (Canceled)

19. (Currently amended) A method comprising:

generating from a source video sequence a digital base video signal;

generating from the source video sequence a body of digital video enhancement data; and

generating from the body of digital video enhancement data plural layers of digital video enhancement data, each of the plural layers consuming substantially a single specified bandwidth based on an amount of overall available bandwidth

~~which each satisfy a specified bandwidth requirement, wherein the specified bandwidth is substantially the same bandwidth for each of the plural layers, which specifies that each of the multiple layers have the same bandwidth.~~

20. (Original) The method of claim 19, wherein the body of digital video enhancement data includes a plurality of magnitudes, and wherein generating a layer of digital video enhancement data comprises:

selecting a threshold value; and

forming a layer of digital video enhancement data comprising a '1' bit for each magnitude greater than or equal to the threshold value.

21 - 31. (Canceled)

32. (Previously presented) A method as in claim 1, wherein said forming comprises forming multiple layers which have digital ones and digital zeros, and wherein each of said multiple layers include substantially the same number of digital ones.

33. (Canceled)

34. (Previously presented) An article as in claim 4, wherein said instructions to form comprise forming multiple layers which have digital ones and digital zeros, and wherein each of the layers has a substantially similar number of digital ones.

35-39. (Canceled)